

Supporting Information

Synthesis and behavior of novel sulfonated water-soluble N-heterocyclic carbene (η^4 -diene) platinum(0) complexes.

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NMR and mass spectra of compound 3d

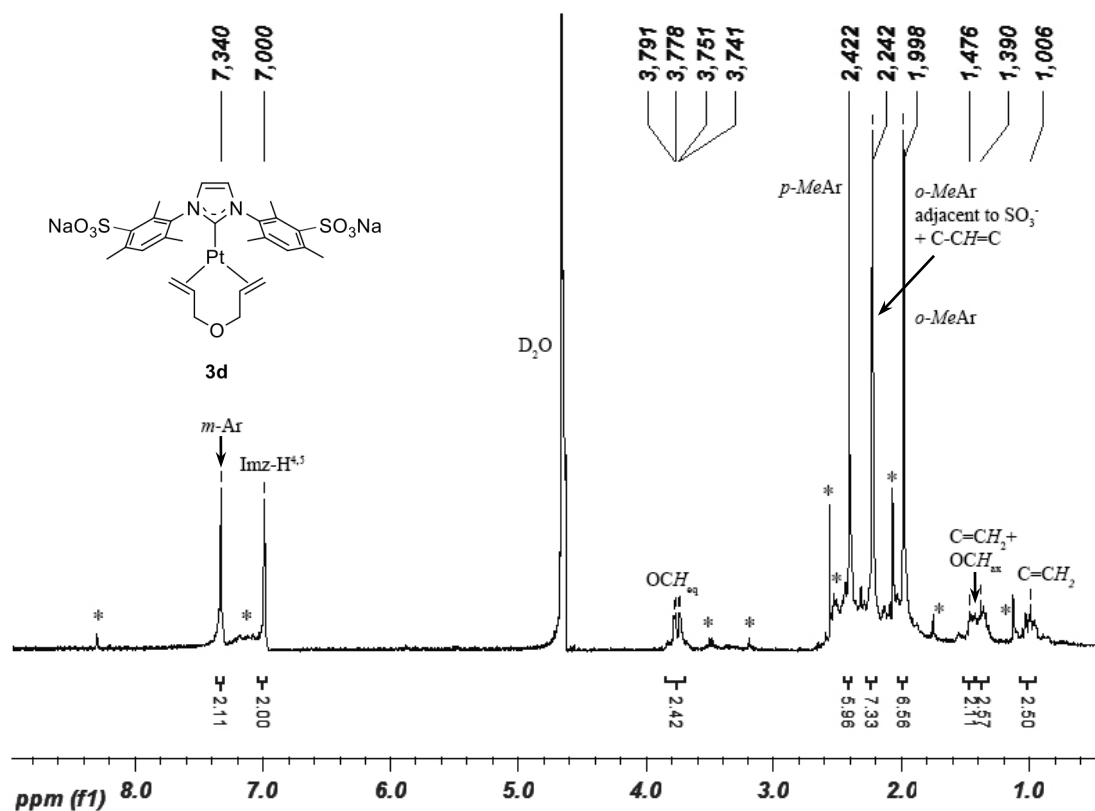


Figure S1. ¹H NMR (300 MHz) spectrum of **3d** in D₂O. (Impurities denoted with *)

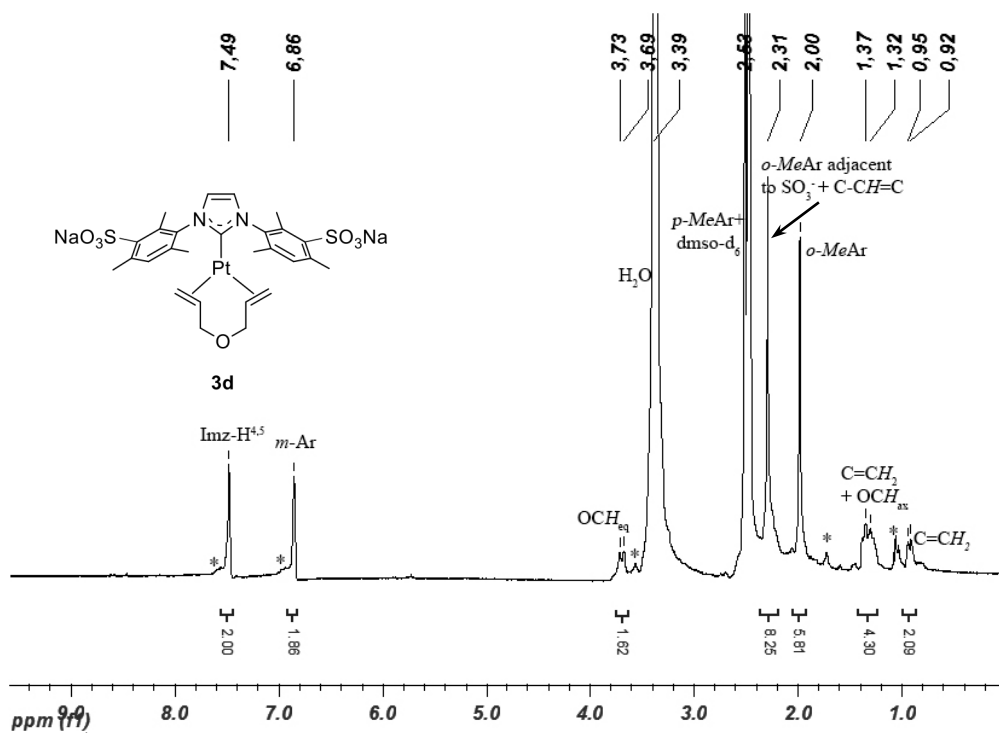


Figure S2. ¹H NMR (300 MHz) spectrum of **3d** in dmso-*d*₆. (Impurities denoted with *)

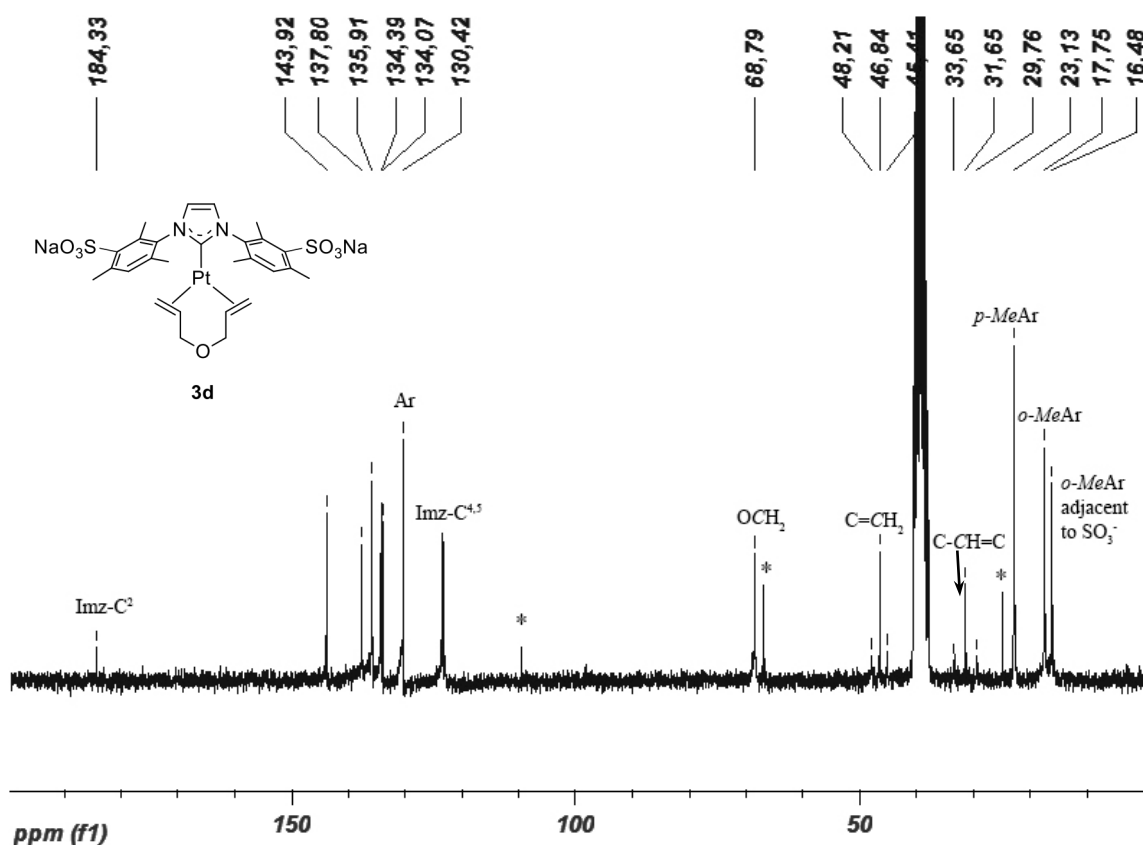


Figure S3. ¹³C NMR (50 MHz) spectrum of **3d** in dmso-d₆. (Impurities denoted with *)

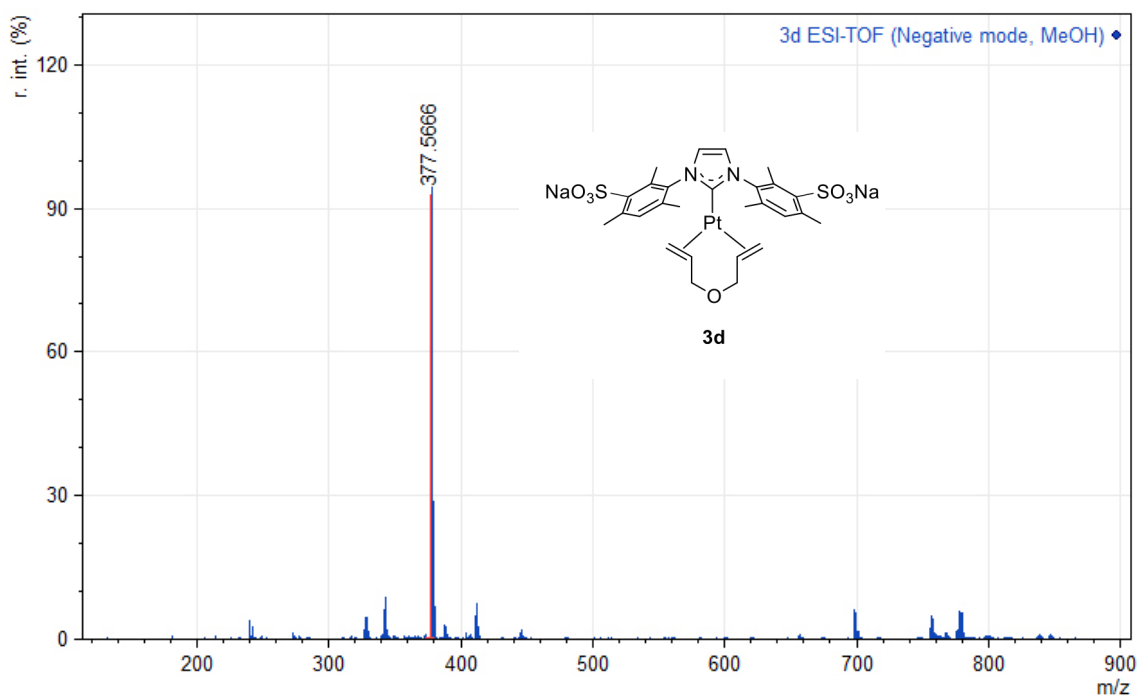


Figure S4. ESI-TOF (negative mode, MeOH) for complex **3d**

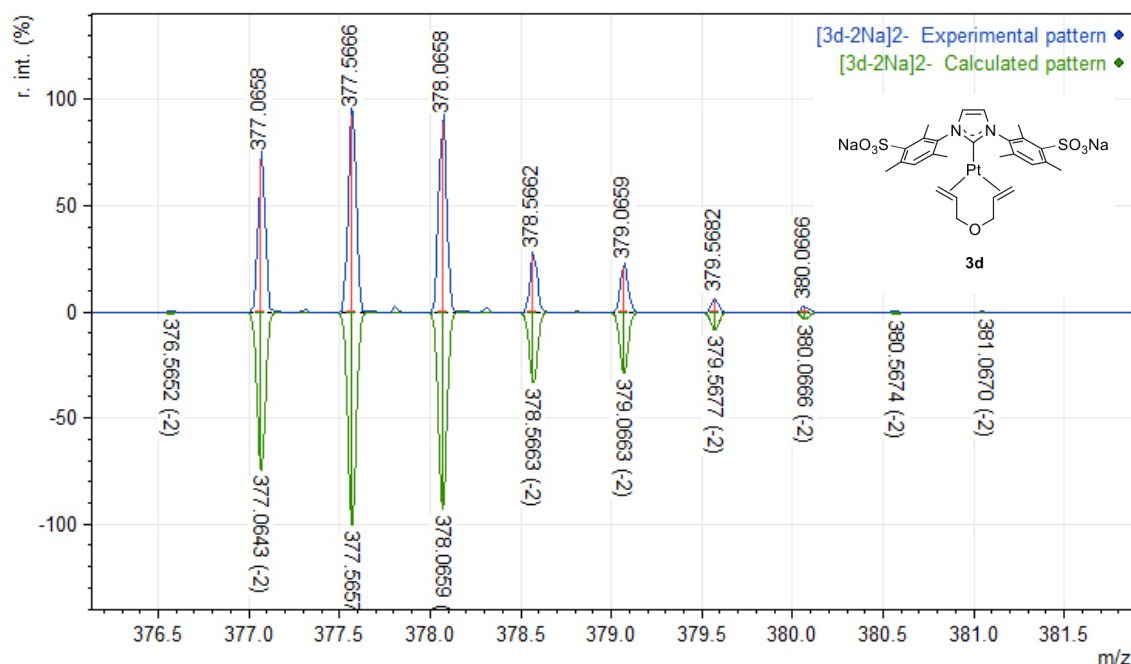


Figure S5. Calculated and experimental isotopic pattern for the dianion $[3d-2Na]^{2-}$ detected as the most intense signal in the ESI-TOF mass spectra of **3d** in MeOH.

NMR and mass spectra of compound **3e**

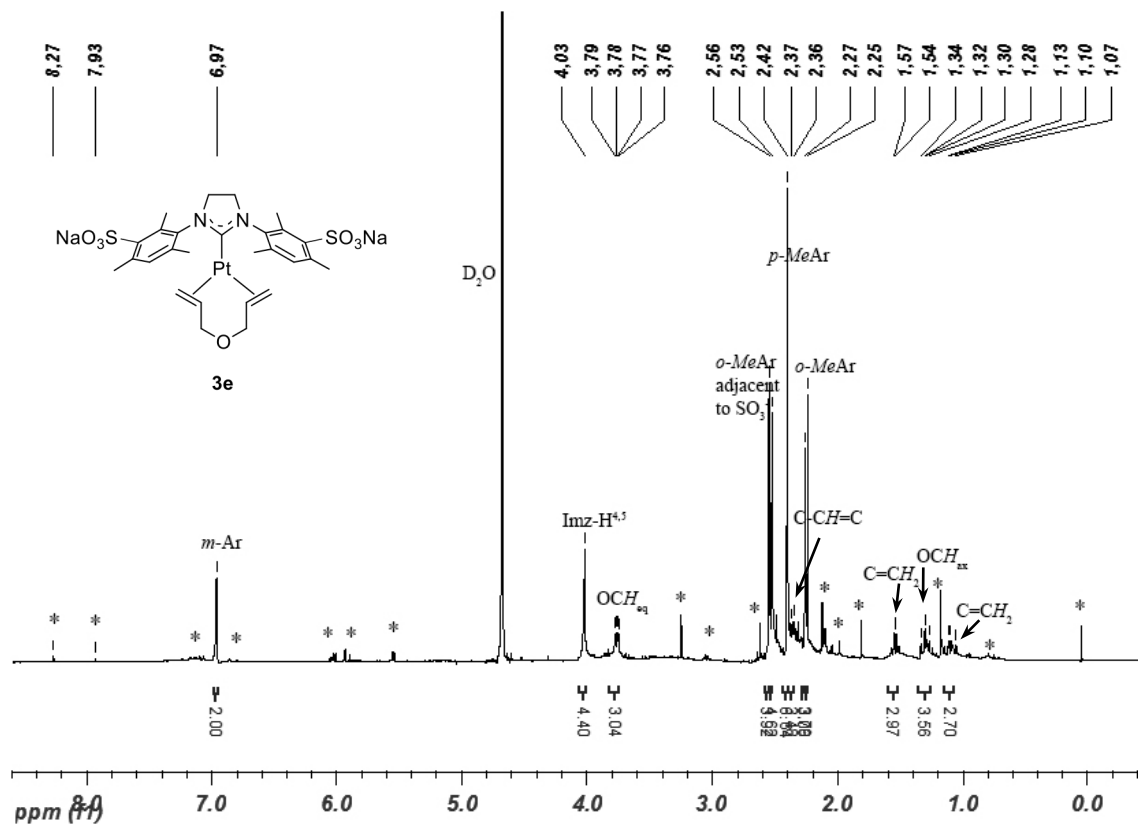
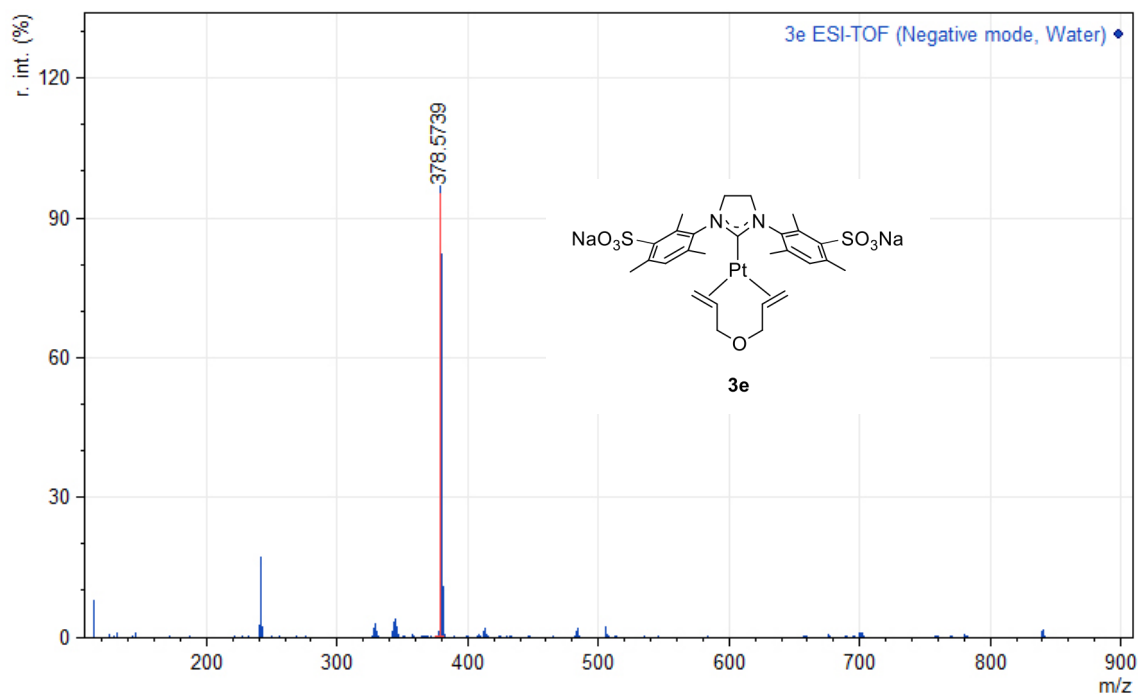
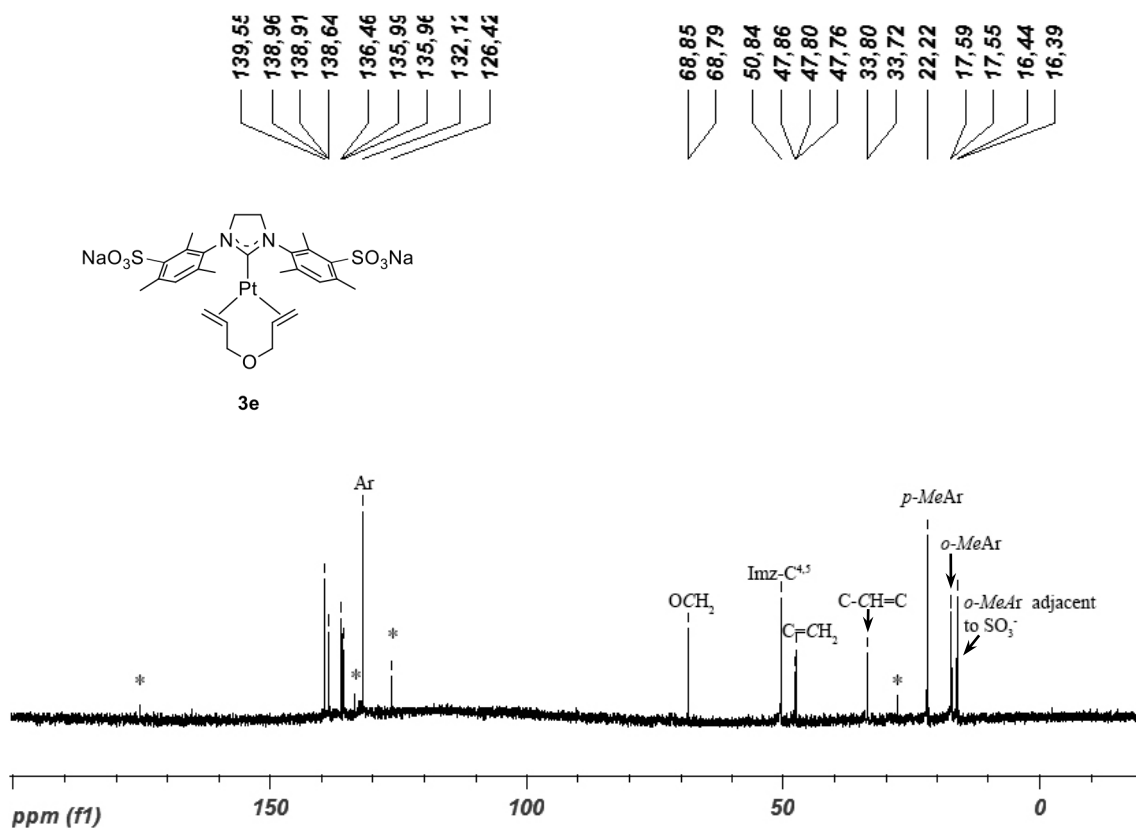


Figure S6. 1H NMR (500 MHz) spectrum of **3e** in D_2O . (Impurities denoted with *)



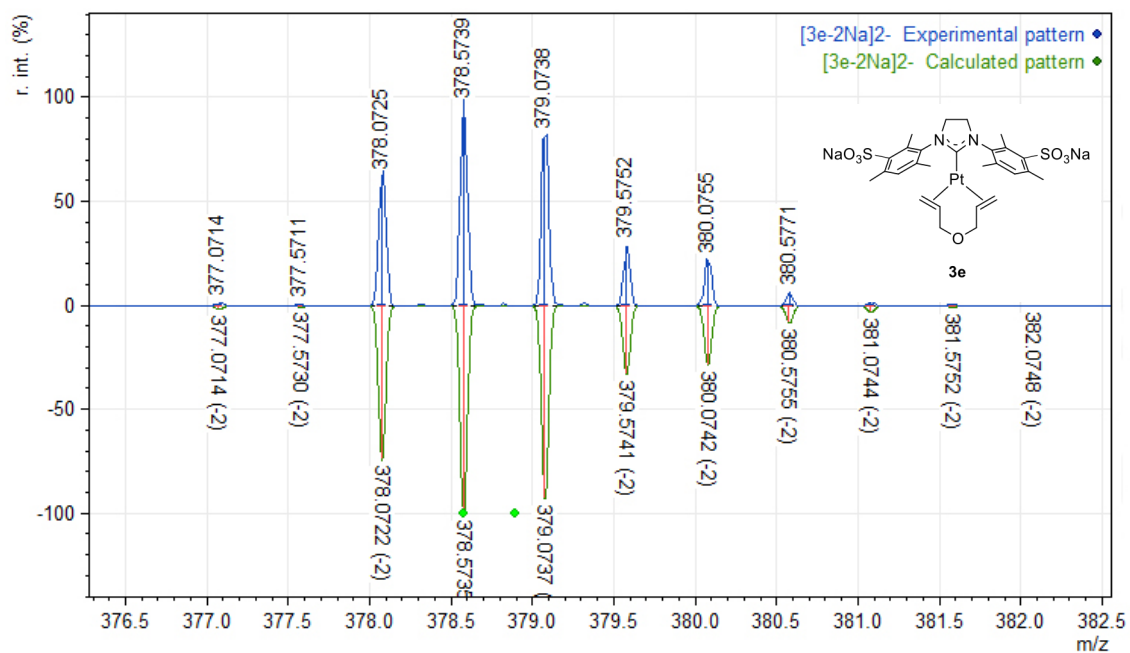


Figure S9. Calculated and experimental isotopic pattern for the dianion $[3e-2Na]^{2-}$ detected as the most intense signal in the ESI-TOF mass spectra of **3e** in H_2O .